Docket No.: PMC-003 C312 (PATENT)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of: John C. Harvey et al.

Patent No.: 7,769,344

Issued: August 3, 2010

For: SIGNAL PROCESSING APPARATUS AND

METHODS

Commissioner for Patents Office of Patent Publication

Attention: Certificate of Correction Branch

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

#### REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. §1.322

Dear Sir

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected. The claims of the issued patent do not reflect the Examiner's Amendment contained in the April 14, 2010 Notice of Allowance (Exhibit A).

In claim 2, column 286, line 34, insert "external" between "said" and "data." Claim 2 was originally claim 3. In claim 3, on page 5 of the Examiner's Amendment, "external" was inserted to make the phrase "said external data."

In claim 10, column 288, lines 10-11, delete "received and processed." Claim 10 was originally claim 49. On page 8 of the Examiner's Amendment, "received and processed" was deleted from claim 49.

Applicants did not make the aforementioned errors. The claims were last amended via an Examiner's Amendment contained in the April 14, 2010 Notice of Allowance. Applicants gave authorization for the Examiner's Amendment on March 26, 2010 via telephone interview. No further amendments were submitted by Patentee or issued by the Examiner. Patent 7,769,344 issued on August 3, 2010, and contains the aforementioned typographical errors.

Request for Certificate of Correction Patent No. 7,769,344 Attorney Docket No. PMC-003 C312 Page 2 of 3

Accordingly, Patentee believes that the aforementioned errors were caused by the Office and that no fee is due for the Certificate of Correction. However, if any fees are required, the Director is hereby authorized to charge any fees to our Deposit Account No. 50-4494.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Dated: December 9, 2010 Respectfully submitted,

By /Thomas J. Scott, Jr./ Thomas J. Scott, Jr. Registration No.: 27,836 GOODWIN PROCTER LLP 901 New York Avenue, NW Washington, DC 20001 (202) 346-4000 Attorney for Patentee Request for Certificate of Correction Patent No. 7,769,344 Attorney Docket No. PMC-003 C312 Page 3 of 3

#### EXHIBIT A

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address; COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

DATE MAILED: 04/14/2010

#### NOTICE OF ALLOWANCE AND FEE(S) DUE

70813 7590 04/14/2010

GOODWIN PROCTER LLP 901 NEW YORK AVENUE, N.W. WASHINGTON, DC 20001 EXAMINER
PAPPAS, PETER-ANTHONY
ART UNIT PAPER NUMBER
2608

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/442,383	05/16/1995	JOHN C. HARVEY	5634.074	2958

TITLE OF INVENTION: SIGNAL PROCESING APPARATUS AND METHODS

APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(8) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	07/14/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION NOT THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT AGAIN OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1,313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

maintenance fee notificati	ions.		SUE FEE and PUBLICATI orders and notification of r (a) specifying a new corres				
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							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNE	Y DOCKET NO.	CONFIRMATION NO.
08/442,383	05/16/1995		JOHN C. HARVEY		56	534.074	2958
TITLE OF INVENTION:			_				
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE TO	OTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0		\$1510	07/14/2010
EXAMI	NER	ART UNIT	CLASS-SUBCLASS				
PAPPAS, PETER	R-ANTHONY	2628	725-135000				
"Fee Address" indic PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AN	ondence address (or Cha /122) attached. cation (or "Fee Address 2 or more recent) attach ND RESIDENCE DATA sess an assignee is ident in 37 CFR 3.11. Comp	nge of Correspondence  Indication form and Use of a Customer  TO BE PRINTED ON	2. For printing on the p (1) the names of up to or agents OR, alternati- (2) the name of a singl registered attorney or r 2 registered attorney or r 2 registered patent atto listed, no name will be THE PATENT (print or typ e data will appear on the p DT a substitute for filling an (B) RESIDENCE: (CITY	3 registered patentely, e firm (having as a gent) and the nameneys or agents. If a printed.  be) atent. If an assignassignment.	member a es of up to no name is		ocument has been filed for
Please check the appropria			printed on the patent):				
Issue Fee			A check is enclosed.				
☐ Publication Fee (No ☐ Advance Order - #	o small entity discount p	permitted)	Payment by credit car The Director is hereby				ficiency or credit any
			overpayment, to Depo	sit Account Numbe	r	(enclose a	n extra copy of this form).
<ol> <li>Change in Entity State</li> <li>a. Applicant claims</li> </ol>	us (from status indicated SMALL ENTITY state		☐ b. Applicant is no lon	ger claiming SMAI	L ENTITY	status. See 37 CI	R 1.27(g)(2).
NOTE: The Issue Fee and interest as shown by the re	Publication Fee (if requeered of the United Sta	uired) will not be accept tes Patent and Trademar	ed from anyone other than to k Office.	he applicant; a regi	stered attor	ney or agent; or th	e assignee or other party ir
Authorized Signature _				Date			
Typed or printed name				Registration N	o		
This collection of informa an application. Confidenti submitting the completed this form and/or suggestio Box 1450, Alexandria, Vir Alexandria. Virginia 2231	tion is required by 37 C failty is governed by 35 application form to the ons for reducing this bur rginia 22313-1450. DO 3-1450.	FR 1.311. The informat U.S.C. 122 and 37 CFR USPTO. Time will var den, should be sent to the ONOT SEND FEES OR	ion is required to obtain or r R 1.14. This collection is est y depending upon the indiv he Chief Information Office COMPLETED FORMS TO	etain a benefit by the imated to take 12 reidual case. Any co er, U.S. Patent and D THIS ADDRESS	ne public w ninutes to c mments on Trademark . SEND TO	hich is to file (and complete, includin the amount of tir Office, U.S. Depo D: Commissioner	by the USPTO to process; g gathering, preparing, and ne you require to complete utment of Commerce, P.O. for Patents, P.O. Box 1450

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DATE MAILED: 04/14/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/442,383	05/16/1995	05/16/1995 JOHN C. HARVEY		2958
70813 7	590 04/14/2010		EXAM	IINER
GOODWIN PRO	OCTER LLP		PAPPAS, PETE	R-ANTHONY
901 NEW YORK			ART UNIT	PAPER NUMBER
WASHINGTON,	DC 20001		2628	

### Determination of Patent Term Extension or Adjustment under 35 U.S.C. 154 (b)

(application filed prior to June 8, 1995)

This patent application was filed prior to June 8, 1995, thus no Patent Term Extension or Adjustment applies.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

#### Application No. Applicant(s) 08/442.383 HARVEY ET AL. Notice of Allowability Examiner Art Unit PETER-ANTHONY PAPPAS 2628 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. This communication is responsive to 3/26/10. The allowed claim(s) is/are 2-4 and 43-52. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). b) ☐ Some\* c) ☐ None of the: a) $\square$ All 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_ 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). \* Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) I including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1. Notice of References Cited (PTO-892) 5. Notice of Informal Patent Application Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413), Paper No./Mail Date 3/26/10. Information Disclosure Statements (PTO/SB/08). 7. X Examiner's Amendment/Comment Paper No./Mail Date See Continuation Sheet ☐ Examiner's Comment Regarding Requirement for Deposit 8. X Examiner's Statement of Reasons for Allowance

/Peter-Anthony Pappas/ Primary Examiner, Art Unit 2628

of Biological Material

9. ☐ Other .

Continuation of Attachment(s) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 5/5/03, 6/18/02, 3/18/02, 5/11/01, 4/7/97, 4/5/96, 2/1/96, 9/7/95

	Application No. Applicant(s)					
Examiner-Initiated Interview Summary	08/442,383	HARVEY ET AL.				
Examiner-initiated interview Summary	Examiner	Art Unit				
	PETER-ANTHONY PAPPAS	2628				
All Participants:	Status of Application: Per	nding				
(1) <u>PETER-ANTHONY PAPPAS</u> .	(3) Carl L. Benson.					
(2) Thomas J. Scott, Jr.	(4)					
Date of Interview: 26 March 2010	Time:					
Type of Interview:	nt's representative)					
Part I.						
Rejection(s) discussed:						
Claims discussed: 2-7,43-52 Prior art documents discussed:						
Part II.  SUBSTANCE OF INTERVIEW DESCRIBING THE GENER An examiner's amendment to place the instant application into co.  Part III.	onditions for allowance was propos	sed and agreed up				
☑ It is not necessary for applicant to provide a separate r directly resulted in the allowance of the application. The of the interview in the Notice of Allowability. ☐ It is not necessary for applicant to provide a separate r did not result in resolution of all issues. A brief summand	e examiner will provide a writte ecord of the substance of the	en summary of the interview, since	e substance			
/Peter-Anthony Pappas/ Primary Examiner, Art Unit 2628 (A	pplicant/Applicant's Representat	ive Signature – if a	ppropriate)			

Application No.



## UNITED STATES DEPARTMENT OF COMMERCE

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
08442383	5/16/95	HARVEY ET AL.	5634,074

GOODWIN PROCTER LLP 901 NEW YORK AVENUE, N.W. WASHINGTON, DC 20001

	EXAMINER
Р	ETER-ANTHONY PAPPAS

ART UNIT PAPER
2628 20100325

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

It is noted that for each NPL document, listed on the respective PTO-1449 forms filed in the instant application, without date information a "no date" annotation has been assigned by the examiner to each as the date information was not readily obtainable.

/Peter-Anthony Pappas/ Primary Examiner, Art Unit 2628

Page 2

Application/Control Number: 08/442,383

Art Unit: 2628

#### EXAMINER'S AMENDMENT

 A double patenting administrative requirement is not being required by the examiner in the instant application since the examiner has independently conducted a double patenting analysis of the claims in the instant application.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carl L. Benson on 3/26/10.

The application has been amended as follows: see the attached claims.

- Claims 2-4 and 43-52 are allowed. In regard to said claims the prior art of record fails to teach or suggest the respective claim limitations when considered as a whole.
- 4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### Conclusion

 Any inquiry concerning this communication or earlier communications from the examiner should be directed to PETER-ANTHONY PAPPAS whose telephone number is (571) 272-7646. The examiner can normally be reached on M-F 9:00AM-5:30PM. Application/Control Number: 08/442,383

Art Unit: 2628

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached on 571-272-7782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Peter-Anthony Pappas/ Primary Examiner, Art Unit 2628 Application/Control Number: 08/442,383 Page 4

Art Unit: 2628

This listing of claims will replace all prior versions and listings of claims in the application:

#### LISTING OF CLAIMS:

- 1. (Cancelled)
- (Currently amended) A method for reprogramming a receiver station that receives television or radio programming, said receiver station having a data network connection to an external data network, a processor, an input device, and a data storage device, said method comprising the steps of:

storing first operating instructions at said receiver station, executing said first operating instructions at said processor to perform a first function, said first operating instructions being different from permanent operating instructions permanently stored at said receiver station;

generating a query at said receiver station, said query comprising a request by said receiver station for reprogramming;

promulgating said query from said receiver station <u>under control of said</u> <u>processor executing said first operating instructions</u> through said data network connection to a said external data network;

receiving second operating instructions <u>different from both said permanent</u> operating instructions and said first operating instructions in response to said step of promulgating said query, <u>said second operating instructions for controlling operation of said processor</u>, wherein said first and said second operating instructions do not include audio data, video data, image data and any combination thereof; and

storing-said-second-operating instructions at said-data-storage device at said-receiver station

reprogramming said processor with said received second operating instructions:

Application/Control Number: 08/442,383

Art Unit: 2628

performing a second function by executing said second operating instructions at said processor, said second function including controlling reception of signals required to output a video programming transmission;

receiving said signals required to output said video programming transmission:

processing said signals to enable the output of said video programming transmission; and

outputting said video programming transmission for display to a viewer.

(Currently amended) The method of claim 2, further comprising the steps of:

processing or outputting information on the basis of said first and second operating instructions at said receiver station;

storing a data record evidencing said step of processing or outputting; and transferring said data record from said step of processing or outputting from said receiver station data storage device to a data collection station in said <a href="external">external</a> data network through said data network connection.

- 4. (Previously presented) The method of claim 2 wherein said data network connection is a telephone interface connection.
- 5. (Cancelled) A method for providing and tracking a receiver station's use of a function in a data network at a data collection station, said receiver station having a data network connection, a processor, an input device, and a data storage device, said data network having a plurality of data information sources, said method comprising the steps of:

providing operating instructions or executable code to a plurality of receiver stations from said plurality of data information sources;

performing-said function-based on-said operating instructions or-said executable code at said receiver station:

recording an identification of said performed function at said data storage device at said receiver station; and

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Art Unit: 2628

transferring said record of identification to said data collection station on said data network through said receiver station data network connection.

- (Cancelled) The method of claim 5, wherein said receiver station data network connection is a telephone network connection.
- (Cancelled) The method of claim 5, wherein said function in said step of performing said function is a series of numerical functions performed on a computer.
  - 8-42. (Cancelled)

43. (Currently amended) A method of delivering one of broadcast programming and cablecast programming to a subscriber in a communications network, said communications network including a transmitter station and a receiver station, said transmitter station being-capable of communicating a processor control signal associated with said one of broadcast programming and cablecast programming, said receiver station having an input device for inputting subscriber information, a processor for storing and processing subscriber data in response to said processor control signal, a communications device for transmitting information to a remote site, and an output device for displaying a television program, said method comprising the steps of:

storing first operating instructions at said receiver station, executing said first operating instructions at said processor to control operation of said receiver station, said first operating instructions being different from permanent operating instructions permanently stored at said receiver station;

displaying said television program at said output device;

inputting a command at said input device;

communicating, from said receiver station to said transmitter station, an event signal based on said command inputted at said receiver station;

transmitting, from said transmitter station to said receiver station, <u>second</u> operating instructions associated with said one of broadcast programming and

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cablecast programming, in response to said event signal communicated from said receiver station, said second operating instructions being different from both said permanent operating instructions and said first operating instructions, wherein said first and said second operating instructions do not include audio data, video data, image data and any combination thereof;

one of programming and reprogramming said processor at said receiver station, on the basis of said second transmitted operating instructions,;

controlling said processor by executing said second operating instructions to <u>such that said processor</u> responds in a predetermined fashion to said processor control signal;

receiving, at said receiver station, said processor control signal;

processing, at said receiver station, said processor control signal by executing processor instructions using said processor; and

causing-said receiver station to receive receiving and output outputting said one of broadcast programming and cablecast programming in accordance with said processor control signal by controlling said receiver station with said processor executing said processor instructions.

- 44. (Previously presented) The method of claim 43, wherein said command is a subscriber reaction to said television program.
- 45. (Previously presented) The method of claim 43, wherein said event signal communicated from said receiver station comprises a customer order for said one of broadcast programming and cablecast programming.
- 46. (Currently amended) The method of claim 43, wherein said received and-processed processor control signal is an instruct-to-tune signal that causes a receiver to receive a selected transmission.
- 47. (Currently amended) The method of claim 43, wherein said received and processed processor control signal is an instruct-to-activate signal that controls a switch or inputs power to an apparatus.

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48. (Currently amended) The method of claim 43, wherein said received and processed processor control signal is an instruct-to-enable signal that causes a transfer device to transfer a signal to said output device.

- 49. (Currently amended) The method of claim 43, wherein said received and processed processor control signal is an instruct-how-to-decrypt signal that controls a decryptor.
- 50. (Currently amended) The method of claim 43, wherein said received and processed processor control signal is an instruct-to-coordinate signal that coordinates a multimedia presentation.
- 51. (Currently amended) The method of claim 43, wherein said received and processed processor control signal is an instruct-to-generate signal that generates information that supplements said one of broadcast programming and cablecast programming.
- 52. (Currently amended) The method of claim 43, wherein said received and processed processor control signal is an instruct-to-generate signal that generates information that completes said one of broadcast programming and cablecast programming.

# Issue Classification | 08442383



Application/Control No.	

Examiner

PETER-ANTHONY PAPPAS

# Applicant(s)/Patent Under Reexamination

HARVEY ET AL.

Art Unit 2628

ORIGINAL										INTERNATIONAL	CLA	ASS	IFIC	ΑTI	ION
	CLASS			SUBCLASS					С	LAIMED	NON-CLAIMED				CLAIMED
455			39			н	0	4	В	1 / 38 (2006.01.01)					
CROSS REFERENCE(S)															
CLASS	CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)				H										
348	460														
345	629					Г									
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	Claims re	enumbere	d in the s	ame orde	r as prese	ented by a	applicant	int 🗌 CPA 🗎 T.D.				R.1.	47		
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	16		32	9	48										

NONE		Total Clain	ns Allowed:
(Assistant Examiner)	(Date)	1	3
/PETER-ANTHONY PAPPAS/ Primary Examiner.Art Unit 2628	03/26/2010	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	2	1

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#### UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,769, 344	Page oii_
APPLICATION NO.: 08/442,383	
ISSUE DATE : August 3, 2010	
INVENTOR(S) : John C. Harvey, et al.	
It is certified that an error appears or errors appear in the above-identified patent and is hereby corrected as shown below:	that said Letters Patent
In claim 2, column 286, line 34, insertexternal between "said" and "data"	
In claim 10, column 288, lines 10-11, delete "received and processed"	

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Goodwin Procter LLP 901 New York Avenue, NW Washignton, DC 20001

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to late 1.0 hour to complete, including qualitating, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the friendmost Officer. Or the complete of t

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- A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
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